8305-19

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION: 6 | SITE NUMBER (To be assigned by HQ): TX 10189

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335), 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME: (FKA Swift Adhesives & Coatings) Shamrock Chemicals Corporation
B. STREET (or other identifier): 6754 Kirbyville
C. CITY: Houston
D. STATE: TX
E. ZIP CODE: 77033
F. COUNTY NAME: Harris

G. SITE OPERATOR INFORMATION: Shamrock Chemicals Corporation
1. NAME: Mr. Marvin Stalarow, Plant Manager; Mr. Linden Doerr, Treasurer
2. TELEPHONE NUMBER: 713-640-2040
3. STREET: 6754 Kirbyville
4. CITY: Houston
5. STATE: TX
6. ZIP CODE: 77033

H. REALTY OWNER INFORMATION (if different from operator of site)
1. NAME: Maybray-Nesmith Corporation
2. TELEPHONE NUMBER: 713-870-9400
3. CITY: 12000 Westheimer #210, Houston
4. STATE: TX
5. ZIP CODE: 77077

I. SITE DESCRIPTION: An abandoned facility, formerly used by Swift Adhesives & Coatings which had primarily engaged in the process of blending synthetic and (see attachment A)

J. TYPE OF OWNERSHIP
☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.):
B. APPARENT SERIOUSNESS OF PROBLEM
☐ 1. HIGH ☐ 2. MEDIUM ☐ 3. LOW ☒ 4. NONE

C. PREPARER INFORMATION
1. NAME: Hillol K. Ray
2. TELEPHONE NUMBER: 214-742-6601
3. DATE (mo., day, & yr.): 6-20-83

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION
1. NAME: Hillol K. Ray
2. TITLE: FIT - Environmental Engineer
3. ORGANIZATION: Ecology And Environment, Inc. 1509 Main, Dallas, TX 75201
4. TELEPHONE NO. (area code & no.): 214-742-6601

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
Jeff Surfus	Ecology and Environment, Inc. Dallas, TX	214-742-6601

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
Linden Doerr	Treasurer 713-640-2040	Shamrock Chemicals Corporation 6754 Kirbyville, Houston, TX 77033
		TXD 080 860 810

REVIEWED BY (SIGN) 8-2-83 DATE

SUPERFUND FILE

JAN 06 1992

REORGANIZED

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Continued From Front

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (sources of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Swift Adhesives and Coatings	713-623-0782	6754 Kirbyville Houston, Texas 77033	Waste from Industrial Adhesives & Coatings processing.

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
BFI Chemical Services	713-741-1540	300 Fannin Building Houston, Texas	Wastes from industrial adhesives & coatings processing.
Best Waste Systems, Inc.	713-337-2513	1555 FM 517 west Dickinson, Texas 77539	Sealed pan contained scrapings of hardened adhesives

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
N/A		

G. DATE OF INSPECTION (mo., day, & yr.)	H. TIME OF INSPECTION	I. ACCESS GAINED BY: (credentials must be shown in all cases)
5-27-83	0900	☒ 1. PERMISSION ☐ 2. WARRANT

J. WEATHER (describe)
Sunny, 70°F, light SE winds, 5 to 8 mph

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER (specify)	X	No samples were taken during this inspection	

B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS
None		

Continue On Page 3

Continued From Page 2

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS: [XX] a. GROUND [ ] b. AERIAL

2. PHOTOS IN CUSTODY OF: EPA Region VI, Dallas, TX (attached)

D. SITE MAPPED?

[X] YES. SPECIFY LOCATION OF MAPS: See attachment

E. COORDINATES

1. LATITUDE (deg.-min.-sec.): 29°48'30" N

2. LONGITUDE (deg.-min.-sec.): 95°23'30" W

V. SITE INFORMATION

A. SITE STATUS

[ ] 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

[X] 2. INACTIVE (Those sites which no longer receive wastes.)

[ ] 3. OTHER (specify): _____ (Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

[ ] 1. NO [X] 2. YES (specify generator's four-digit SIC Code): 3479

C. AREA OF SITE (in acres): ½ (approx)

D. ARE THERE BUILDINGS ON THE SITE?

[ ] 1. NO [X] 2. YES (specify): office building, process area

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

A. TRANSPORTER	B. STORER	C. TREATER	D. DISPOSER
[ ] 1. RAIL	[ ] 1. PILE	[ ] 1. FILTRATION	[ ] 1. LANDFILL
[ ] 2. SHIP	[ ] 2. SURFACE IMPOUNDMENT	[ ] 2. INCINERATION	[ ] 2. LANDFARM
[X] 3. BARGE	[X] 3. DRUMS (above ground)	[ ] 3. VOLUME REDUCTION	[ ] 3. OPEN DUMP
[ ] 4. TRUCK	[ ] 4. TANK, ABOVE GROUND	[ ] 4. RECYCLING/RECOVERY	[ ] 4. SURFACE IMPOUNDMENT
[ ] 5. PIPELINE	[ ] 5. TANK, BELOW GROUND	[ ] 5. CHEM./PHYS./TREATMENT	[ ] 5. MIDNIGHT DUMPING
[ ] 6. OTHER (specify):	[ ] 6. OTHER (specify): Drums containing wastes from Industrial adhesives and coatings process	[ ] 6. BIOLOGICAL TREATMENT	[ ] 6. INCINERATION
		[ ] 7. WASTE OIL REPROCESSING	[ ] 7. UNDERGROUND INJECTION
		[ ] 8. SOLVENT RECOVERY	[X] 8. OTHER (specify): Offsite disposal by (1) BFI Chemical Services in Houston, TX and (2) Best Waste Systems Inc. in Dickinson, TX.
		[ ] 9. OTHER (specify):	

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

[ ] 1. STORAGE [ ] 2. INCINERATION [ ] 3. LANDFILL [ ] 4. SURFACE IMPOUNDMENT [ ] 5. DEEP WELL

[ ] 6. CHEM/BIO/PHYS TREATMENT [ ] 7. LANDFARM [ ] 8. OPEN DUMP [ ] 9. TRANSPORTER [ ] 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

[ ] 1. LIQUID [ ] 2. SOLID [X] 3. SLUDGE [ ] 4. GAS

B. WASTE CHARACTERISTICS

[ ] 1. CORROSIVE [X] 2. IGNITABLE [ ] 3. RADIOACTIVE [ ] 4. HIGHLY VOLATILE

[X] 5. TOXIC [ ] 6. REACTIVE [ ] 7. INERT [ ] 8. FLAMMABLE

[ ] 9. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

No

Continued From Front

VII. WASTE RELATED INFORMATION (continued)

C. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT: None	AMOUNT: None	AMOUNT: None	AMOUNT: None	AMOUNT: None	AMOUNT: None
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
X (1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	X (1) FLYASH	X (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify):		

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X') a. SOLID	b. LIQ.	c. VAPOR	3. TOXICITY (mark 'X') a. HIGH	b. MED.	c. LOW	d. NONE	4. CAS NUMBER	5. AMOUNT	6. UNIT
None										

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

___ A. HUMAN HEALTH HAZARDS

Continue On Page 5

Continued From Page 4

VIII. HAZARD DESCRIPTION (continued)

☐ B. NON-WORKER INJURY/EXPOSURE

☐ C. WORKER INJURY/EXPOSURE

☐ D. CONTAMINATION OF WATER SUPPLY

☐ E. CONTAMINATION OF FOOD CHAIN

☐ F. CONTAMINATION OF GROUND WATER

☐ G. CONTAMINATION OF SURFACE WATER

Continued From Front

VIII. HAZARD DESCRIPTION (continued)

☐ H. DAMAGE TO FLORA/FAUNA

☐ I. FISH KILL

☐ J. CONTAMINATION OF AIR

☐ K. NOTICEABLE ODORS

☐ L. CONTAMINATION OF SOIL

☐ M. PROPERTY DAMAGE

Continue On Page 7

Continued From Page 6

VIII. HAZARD DESCRIPTION (continued)

☐ N. FIRE OR EXPLOSION

☐ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

☐ P. SEWER, STORM DRAIN PROBLEMS

☐ Q. EROSION PROBLEMS

☐ R. INADEQUATE SECURITY

☐ S. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)

☐ 7. MIDNIGHT DUMPING

☒ 8. OTHER (specify):

During the FIT inspection, no evidence of improper handling/storage or disposal of wastes (past or present) on-site or hazards to health or the environment were observed.

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS	1000	1000	250	¼ mile
2. IN COMMERCIAL OR INDUSTRIAL AREAS	1500	1500	150	¼ mile
3. IN PUBLICLY TRAVELLED AREAS	300	300	30	¼ mile
4. PUBLIC USE AREAS (parks, schools, etc.)	100	100	5 to 10	¼ mile

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit)	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
20-25 feet	Easterly	None
D. POTENTIAL YIELD OF AQUIFER	**E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure)**	**F. DIRECTION TO DRINKING WATER SUPPLY**
2000 gpm*	15 miles	NE

G. TYPE OF DRINKING WATER SUPPLY

☐ 1. NON-COMMUNITY < 15 CONNECTIONS* ☒ 2. COMMUNITY (specify town): City of Houston, TX > 15 CONNECTIONS

☒ 3. SURFACE WATER ☐ 4. WELL Lake Houston

Continue On Page 9

*Gulf Coast Sands, TDWR, 1969, Report #98

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COMMUNITY (mark 'X')	5. COMMUNITY (mark 'X')
None				

I. RECEIVING WATER

1. NAME: Houston Ship Channel

☐ 2. SEWERS ☒ 3. STREAMS/RIVERS ☐ 4. LAKES/RESERVOIRS ☐ 5. OTHER (specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

None

XI. SOIL AND VEGITATION DATA

LOCATION OF SITE IS IN:

☒ A. KNOWN FAULT ZONE ☐ B. KARST ZONE ☐ C. 100 YEAR FLOOD PLAIN ☐ D. WETLAND

☐ E. A REGULATED FLOODWAY ☐ F. CRITICAL HABITAT ☐ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. OVERBURDEN	'X'	B. BEDROCK (specify below)	'X'	C. OTHER (specify below)
	1. SAND	X	Beaumont Formation		
X	2. CLAY	X	Beaumont Formation		
	3. GRAVEL				

XIII. SOIL PERMEABILITY

☐ A. UNKNOWN ☐ B. VERY HIGH (100,000 to 1000 cm/sec.) ☐ C. HIGH (1000 to 10 cm/sec.)

☐ D. MODERATE (10 to .1 cm/sec.) ☒ E. LOW (.1 to .001 cm/sec.) ☐ F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

☐ 1. YES ☒ 2. NO 3. COMMENTS:

H. DISCHARGE AREA

☐ 1. YES ☒ 2. NO 3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE: 0.2%

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.: East

J. OTHER GEOLOGICAL DATA

The site is located within the Beaumont formation, a pleistocene unit of alternating clays and minor sands.

Continued From Front

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X') 1. YES	2. NO	3. UNKNOWN
Solid Waste Generator	TDWR	33272 for Swift Adhesives and Coatings	10-1982	Never expired unless revoked for violation	X		
Industrial Waste Permit	City of Houston	17842 for Shamrock Chemicals Corpn.	6-82	None unless revoked for violation	X		

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

☒ NONE ☐ YES (summarize in this space)

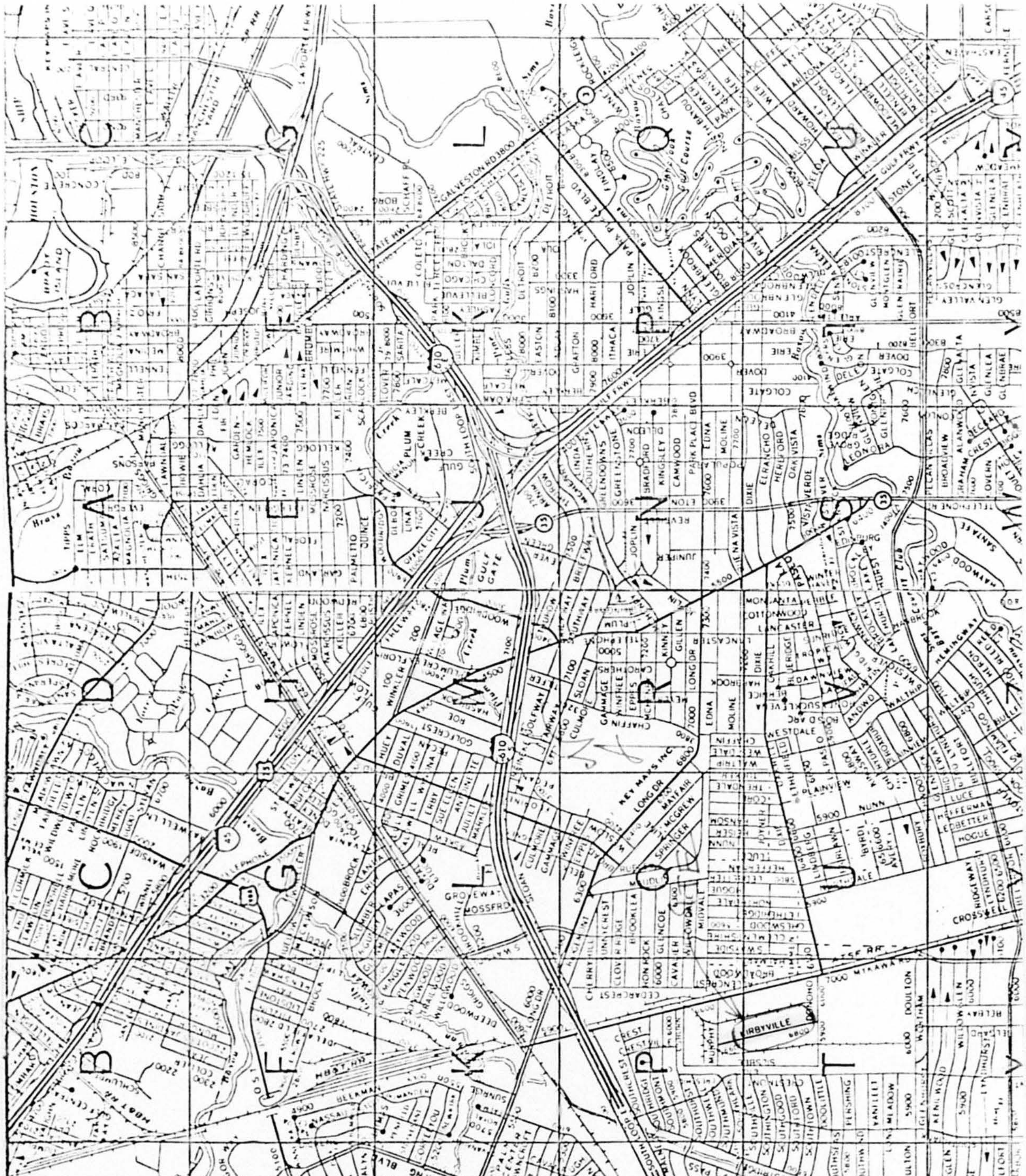
NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition (Section II) information on the first page of this form.

ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-3.

Corresponding number on form	Additional Remark and/or Explanation
I.i.	naturally occurring raw materials to produce industrial adhesives and coatings since 1960. The operation was shut down about 2 1/2 years ago, leaving behind the empty process building. During the FIT reconnaissance inspection on May 27, 1983, Mr. Linden Doerr, Treasurer of Shamrock Chemicals Corporation, informed the FIT that his company moved in to the above facility in the latter part of October 1981. There were scattered patches of hardened adhesives on the floor of the process building which had been left by Swift Adhesives & Coatings. Prior to the installation of equipment in October/November, 1981, the hardened adhesives were scraped and collected in waste pans, which were immediately hauled off-site by Best Waste Systems, Inc., 1555 FM 517 West, Dickinson, Texas 77539 (telephone: 713-337-2513). Mr. Doerr further stated that the actual production at Shamrock Chemicals Corporation started in February, 1982. The dirty plastics (such as Poleythylene and Polypropylene) are brought in to this facility by customers via freight lines, waste disposal companies, pick-up trucks etc. Initially, these dirty plastics are thoroughly washed in hot water at 140° F and then dried in a series of dryers. This is a closed system and the process water is continuously recycled. After washing and drying, the clean plastics are sent back to the customers. During the cleaning operations, the dirt settles on the floor in a designated area of the basement (approx. 15 ft. X 20 ft.) and is allowed to accumulate there. Later, by using shovels, the dirt is put in waste disposal pans and hauled offsite by the above Best Waste Systems, Inc. On an average, less than 10,000 lbs/month of dirt is hauled offsite. The site is located in an industrial area and there is no use of groundwater in the vicinity. Drinking water is supplied by the City of Houston, Texas from Lake Houston.


KIRBYVILLE
KEY MAPS INC
GALVESTON RD
GULF FRWY
SOUTH LOOP
TELEPHONE
BELLFORT

Photographer / Witness
HILLOL RAY/ JEFF SURFUS
Date / Time / Direction
5-27-83/10:00AM/E
Comments:
THE FORMER SITE OF SWIFT ADHESIVES & COATINGS, PRESENTY USED BY SHAMROCK CHEMICALS CORPN. OFFICE AND PROCESS BUILDING ARE ON THE BACKGROUND.

SHAMROCK CHEMICALS CORPN.
FORMERLY, SWIFT ADHESIVES & COATINGS
HOUSTON, TEXAS

P 1

ecology and environment, inc.
1509 MAIN STREET, SUITE 814,
DALLAS, TEXAS 75201

PHOTO NEGATIVES
OF
SHAMROCK CHEMICALS CORPORATION
FORMERLY, SWIFT ADHESIVES & COATINGS, IN.
HOUSTON, TEXAS

SITE#TX 10189
TDD#R6-8305-19